U.S. Serial No. 10/561,338

Title: Pancratistatin Cyclic Phosphate Prodrugs and Phenpanstatin Cyclic Phosphate Prodrugs

## **Amendments to the Claims:**

## Please amend the claims as follows:

1. (Previously presented) A compound having the structure:

wherein X is selected from the group consisting of: Na<sup>+</sup>, Li<sup>+</sup> and K<sup>+</sup>.

2. (Previously presented) A compound having the structure:

wherein X is selected from the group consisting of: 2 Na<sup>+</sup>, 2 H<sup>+</sup>, 2 Li<sup>+</sup>, 2 K<sup>+</sup>, Mg<sup>2+</sup>, Ca<sup>2+</sup>, Zn<sup>2+</sup>, piperazine, morpholine, imidazole, quinine and quinidine.

3. (Previously presented) A compound having the structure:

wherein X is selected from the group consisting of: Na<sup>+</sup>, Li<sup>+</sup> and K<sup>+</sup>.

Title: Pancratistatin Cyclic Phosphate Prodrugs and Phenpanstatin Cyclic Phosphate Prodrugs

- 4. (Previously presented) A method for synthesizing the compound of claim 1, comprising phosphorylating phenpanstatin with tetrabutylammonium dihydrogen phosphate using dicyclohexylcarbodiimide in pyridine containing *p*-toluenesulfonic acid to form a pyridinium salt of 3,4-O-cyclic phosphate, and converting the pyridinium salt to said compound.
- 5. (Previously presented) A method for synthesizing the compound of claim 2, comprising converting, by passing through an ion exchange column, a compound having the following structure

wherein X is selected from the group consisting of: Na<sup>+</sup>, Li<sup>+</sup> and K<sup>+</sup>, to form said compound.

- 6. (Previously presented) A method for synthesizing the compound of claim 3, comprising phosphorylating pancratistatin with tetrabutylammonium dihydrogen phosphate using dicyclohexylcarbodiimide in pyridine to form a pyridinium salt of 3,4-O-cyclic phosphate, and converting the pyridinium salt to said compound.
- 7. (New) A pharmaceutical composition comprising the compound of Claim 1 and a pharmaceutically acceptable carrier therefor.
- 8. (New) A pharmaceutical composition comprising the compound of Claim 2 and a pharmaceutically acceptable carrier therefor.

SECOND PRELIMINARY AMENDMENT

U.S. Serial No. 10/561,338

Title: Pancratistatin Cyclic Phosphate Prodrugs and Phenpanstatin Cyclic Phosphate Prodrugs

9. (New) A pharmaceutical composition comprising the compound of Claim 3 and a

pharmaceutically acceptable carrier therefor.

10. (New) A method for treating cancer selected from the group consisting of thyroid,

Docket No. 12504.548

leukemia, pancreatic cancer, breast cancer, central nervous system cancer, lung cancer, colon

cancer and prostate cancer, comprising administering to a human or mammal afflicted with the

cancer a pharmaceutically effective amount of the composition of claim 7.

11. (New) A method for treating cancer selected from the group consisting of thyroid,

leukemia, pancreatic cancer, breast cancer, central nervous system cancer, lung cancer, colon

cancer and prostate cancer, comprising administering to a human or mammal afflicted with the

cancer a pharmaceutically effective amount of the composition of claim 8.

12. (New) A method for treating cancer selected from the group consisting of thyroid,

leukemia, pancreatic cancer, breast cancer, central nervous system cancer, lung cancer, colon

cancer and prostate cancer, comprising administering to a human or mammal afflicted with the

cancer a pharmaceutically effective amount of the composition of claim 9.

1749957.1/12504.548 4